MR1957-861
Serial Number: 10/796,252
Reply to Office Action dated 13 December 2006

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the

subject Patent Application:

Listing of Claims:

1. (Currently Amended) A control module, comprising:

a car audio apparatus having at least a speaker used for sound output and a socket,

the car audio apparatus having a sound switch disposed therein, said sound switch being

coupled to a first sound signal processor and a second sound signal processor, said first

sound signal processor being coupled to said speaker, said second sound signal processor

being coupled to a car stereo ~~connecting with a sound signal processor~~;

a Bluetooth module disposed in a Bluetooth earphone to provide an interface

between the Bluetooth earphone and the car audio apparatus ~~;~~

~~a sound switch disposed inside the car audio apparatus and connected with the~~

~~sound signal processor~~, the sound switch automatically and responsively being used to

choose one of said first sound signal processor and second sound signal processor to ~~a~~

~~sound signal sent from the Bluetooth earphone or the car audio apparatus and~~ output

sound ~~the sound signal~~ via the speaker; and

a sound control circuit disposed inside the car audio apparatus and connected with

the sound switch;

wherein when the Bluetooth earphone is plugged into the socket of the car audio

apparatus to make car audio apparatus connect with the Bluetooth module, the sound

switch ~~is controlled to silence~~ automatically chooses said first sound signal processor ~~the~~

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~~ear~~ ~~audio~~ ~~apparatus~~ and output<u>s</u> the sound signal sent from the Bluetooth earphone via the speaker, and when the Bluetooth earphone is taken out from the socket, the car audio apparatus serves as a common audio apparatus <u>and said sound switch chooses said second sound signal processor to output to said speaker.</u>

2. (Original) The control module as claimed in the claim 1, wherein the Bluetooth module is connected with a digital signal processor, wherein the digital signal processor is connected to a microphone and an earphone, and the digital signal processor is used to convert an analog signal sent from the microphone into a digital signal, encode/decode the first sound signal, process signals and send the processed signals via the Bluetooth module.